C L A I M S

1. A method for coating uneven bases, especially surfaces of wooden materials, with thin coating materials to form a flat and uniformly smooth surface, wherein the support and the coating components are pressed against a smooth metal sheet, laminating rollers, structural strips or the like, characterised in that used as coating material is a covering layer film and an adhesive system which imparts to the covering layer film during coating properties of filling and spanning defects of the material to be coated by chemical/physical reactions.

2. The method according to claim 1, characterised in that the coating takes place at elevated pressure.

3. The method according to claim 2, characterised in that the coating takes place at a pressure of $1 \cdot 10^5$ Pa to $6 \cdot 10^6$ Pa.

4. The method according to any one of claims 1 to 3, characterised in that the coating takes place at elevated temperature.

5. The method according to claim 4, characterised in that the coating takes place at a temperature of 150 to 170° C.

6. The method according to any one of claims 1 to 5, characterised in that the duration of the adhesion at elevated pressure and/or elevated temperature is 5 to 300 sec.

7. The method according to any one of claims 1 to 6, characterised in that the curing takes place after the coating at room temperature or at elevated temperature.

8. The method according to claim 7, characterised in that the curing takes place at a temperature of 20 to 200° C.

9. The method according to any one of claims 1 to 8, characterised in that the coating takes place continuously.

10. The method according to any one of claims 1 to 8, characterised in that the coating takes place discontinuously.

11. A layer support consisting of a support material and a coating material manufactured according to any one of claims 1 to 10, characterised in that the coating materials have an adhesive system and a covering layer film and that the adhesive system contains fillers which fill and span defects of the material to be coated by chemical/physical reactions.

12. The layer support according to claim 11, characterised in that the adhesive system is a foaming adhesive.

13. The layer support according to claim 11 or 12, characterised in that the adhesive system is a spanning dry gum film.

14. The layer support according to claim 11, characterised in that the adhesive system is a duroplastic dry gum adhesive or a corresponding dry gum film.

15. The layer support according to claim 11, characterised in that the adhesive system is a thermoplastic dry gum adhesive or a corresponding dry gum film.

16. The layer support according to any one of claims 11 to 13, characterised in that the adhesive system has chemically/physically expandable contents.

17. The layer support according to any one of claims 11 to 14, characterised in that the covering layer film is paper-based.

18. The layer support according to any one of claims 11 to 14, characterised in that the covering layer film is a thermoplastic film.

19. The layer support according to any one of claims 11 to 18, characterised in that the covering layer film has a weight per unit area between 30 and 500 g/m^2.

20. The layer support according to any one of claims 11 to 19, characterised in that the fillers consist of substances which release CO_2 or other gases.

21. The layer support according to any one of claims 11 to 20, characterised in that the adhesive coat, wet or dry, has a weight per unit area between 20 and 300 g/m^2.

22. The layer support according to any one of claims 11 to 21, characterised in that the filler content is between 5 and 70 wt.%.